

**Combined Declaration for Patent Application and Power of Attorney**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**INHIBITORS OF PHOSPHODIESTERASES IN INFERTILITY**

the specification of which (check one)

- [ ] is attached hereto;  
 [X] was filed in the United States under 35 U.S.C. §111 on April 1, 2004, as U.S. Appl. No. 10/817,312, which claims priority from U.S. provisional patent application Nos. 60/458,955 filed April 1, 2003; 60/470,434 filed May 15, 2003; 60/540,301 filed January 28, 2004; and 60/544,003 filed February 12, 2004; or  
 [ ] was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an international (PCT) application, PCT/\_\_\_\_\_, filed \_\_\_\_\_, entry requested on \_\_\_\_\_ date \_\_\_\_\_, national stage application received U.S. Appl. No. \_\_\_\_\_, §371/§102(e) (if applicable).

(include dates of amendments under PCT Art. 19 and 34 if PCT)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and I acknowledge the duty to disclose to the Patent and Trademark Office (PTO) all information known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or under §365(a) of any PCT application which designated at least one country other than the U.S., listed below:

Application No.	Country	Filing Date (MM/DD/YYYY)
_____	_____	_____

If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an international (PCT) application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having a filing date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):

Non-Priority Application No.	Country	Filing Date (MM/DD/YYYY)
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional applications listed below:

Application No.	Filing Date (MM/DD/YYYY)
60/458,955	April 1, 2003
60/470,434	May 15, 2003
60/540,301	January 28, 2004
60/544,003	February 12, 2004

I hereby claim the benefit under 35 U.S.C. §120 of any prior U.S. non-provisional application(s) or under §365(c) of any prior PCT international application(s) designating the U.S., listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such U.S. or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the PTO all information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date (MM/DD/YYYY)	Status (patented, pending, abandoned)
_____	_____	_____

As a named inventor, I hereby appoint the attorneys and agents of the law firm of Howrey Simon Arnold & White, LLP, associated with **Customer Number 22930**, for so long as they remain with such firm, including the attorneys listed below:

David W. Clough, Reg. No. 36,107  
Teddy C. Scott, Jr., Reg. No. 53,573  
Kate G. Berezutskaya, Reg. No. 53,984

ATTORNEY INFORMATION

Direct all correspondence to:

David W. Clough, Ph.D.,  
Howrey Simon Arnold & White, LLP  
P. O. Box 7  
2941 Fairview Park Drive  
Falls Church, VA 22042  
Facsimile number: (202) 383-7195

Direct all telephone calls to:

David W. Clough, Ph.D.  
Direct Line: (312) 595-1408  
E-mail: cloughd@howrey.com

Teddy C. Scott, Jr., Ph.D.  
Direct Line: (312) 846-5621  
E-mail: tscott@howrey.com

ATTORNEY INFORMATION


## Title: INHIBITORS OF PHOSPHODIESTERASES IN INFERTILITY

U.S. Application filed April 1, 2004, Serial No. 10/817,312

PCT Application filed, Serial No.

The undersigned hereby authorizes the U.S. Attorneys or Agents appointed herein to accept and follow instructions from Jill E. Uhl, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. Attorneys or Agents and the undersigned. In the event of a change of the persons from whom instructions may be taken, the U.S. Attorneys or Agents appointed herein will be so notified by the undersigned.

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST INVENTOR: Stephen S. Palmer	INVENTOR'S SIGNATURE	DATE
RESIDENCE 67 Main Street, Plympton, MA, 02367	CITIZENSHIP United States	
POST OFFICE ADDRESS 67 Main Street, Plympton, MA, 02367		
FULL NAME OF SECOND JOINT INVENTOR Sean D. McKenna	INVENTOR'S SIGNATURE	DATE
RESIDENCE 679 Lincoln Street, Duxbury, MA, 02332	CITIZENSHIP United States	
POST OFFICE ADDRESS 679 Lincoln Street, Duxbury, MA, 02332		
FULL NAME OF THIRD JOINT INVENTOR Stephen J. Arkinstall	INVENTOR'S SIGNATURE	DATE
RESIDENCE 31 Marsh Street, Belmont, MA, 02748	CITIZENSHIP United States	
POST OFFICE ADDRESS 31 Marsh Street, Belmont, MA, 02748		
FULL NAME OF FOURTH JOINT INVENTOR Aliza Eshkol	INVENTOR'S SIGNATURE 	DATE
RESIDENCE Chemin du Petit Molard 1, 1278 LaRippe, Switzerland	CITIZENSHIP Israel	
POST OFFICE ADDRESS Chemin du Petit Molard 1, 1278 LaRippe, Switzerland		
FULL NAME OF FIFTH JOINT INVENTOR Michael C. MacNamee	INVENTOR'S SIGNATURE	DATE
RESIDENCE 30 Riddy Lane, Bourn, Cambridgeshire CB3 7SP, United Kingdom	CITIZENSHIP United Kingdom	
POST OFFICE ADDRESS 30 Riddy Lane, Bourn, Cambridgeshire CB3 7SP, United Kingdom		

ALL INVENTORS MUST REVIEW APPLICATION AND DECLARATION BEFORE SIGNING. ALL ALTERATIONS MUST BE INITIALED AND DATED BY ALL INVENTORS PRIOR TO EXECUTION. NO ALTERATIONS CAN BE MADE AFTER THE DECLARATION IS SIGNED. ALL PAGES OF DECLARATION MUST BE SEEN BY ALL INVENTORS.